

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051424AR\
 Data File : FF014232.D
 Signal(s) : FID2B.ch
 Acq On : 14 May 2024 16:34
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/15/2024
 Supervised By :Ankita Jodhani 05/15/2024

Integration File: autoint1.e
 Quant Time: May 14 17:29:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 051424.M
 Quant Title : GC Extractables
 QLast Update : Tue May 14 17:29:42 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.905	485188	4.624 ug/ml
Spiked Amount 50.000		Recovery =	9.25%
6) S 2-Fluorobiphenyl (SURR)	8.780	247483	4.089 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.18%
11) S ortho-Terphenyl (SURR)	11.836	755050	5.349 ug/ml
Spiked Amount 50.000		Recovery =	10.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.521	638892	5.278 ug/ml
2) T Naphthalene (C11.7)	6.184	554681	4.737 ug/ml
3) T 2-Methylnaphthalene (...)	7.277	524395	4.706 ug/ml
5) T Acenaphthylene (C15.06)	8.575	551477	4.912 ug/ml
7) T Acenaphthene (C15.5)	8.873	650519	5.143 ug/ml
8) T Flouorene (C16.55)	9.664	496819	4.666 ug/ml
9) T Phenanthrene (C19.36)	11.067	488992	4.721 ug/ml
10) T Anthracene (C19.43)	11.144	441149	4.841 ug/ml
12) T Fluoranthene (C21.85)	12.885	567366	4.985 ug/ml
13) T Pyrene (C20.8)	13.182	588948	5.273 ug/ml
14) T Benzo[a]anthracene (C...	15.067	282301	3.724 ug/ml
15) T Chrysene (C27.41)	15.105	615870	5.600 ug/ml
16) T benzo[b]fluoranthene ...	16.621	441646	4.401 ug/ml
17) T Bnezo[k]fluoranthene ...	16.652	694993	5.874 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.005	509679	4.855 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.380	333647	3.764 ug/mlm
20) T Dibenz[a,h]anthracene...	18.429	567648	5.337 ug/ml
21) T Benzo[g,h,i]perylene ...	18.626	640128	5.198 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051424AR\
Data File : FF014232.D
Signal(s) : FID2B.ch
Acq On : 14 May 2024 16:34
Operator : YP\AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 75 Sample Multiplier: 1

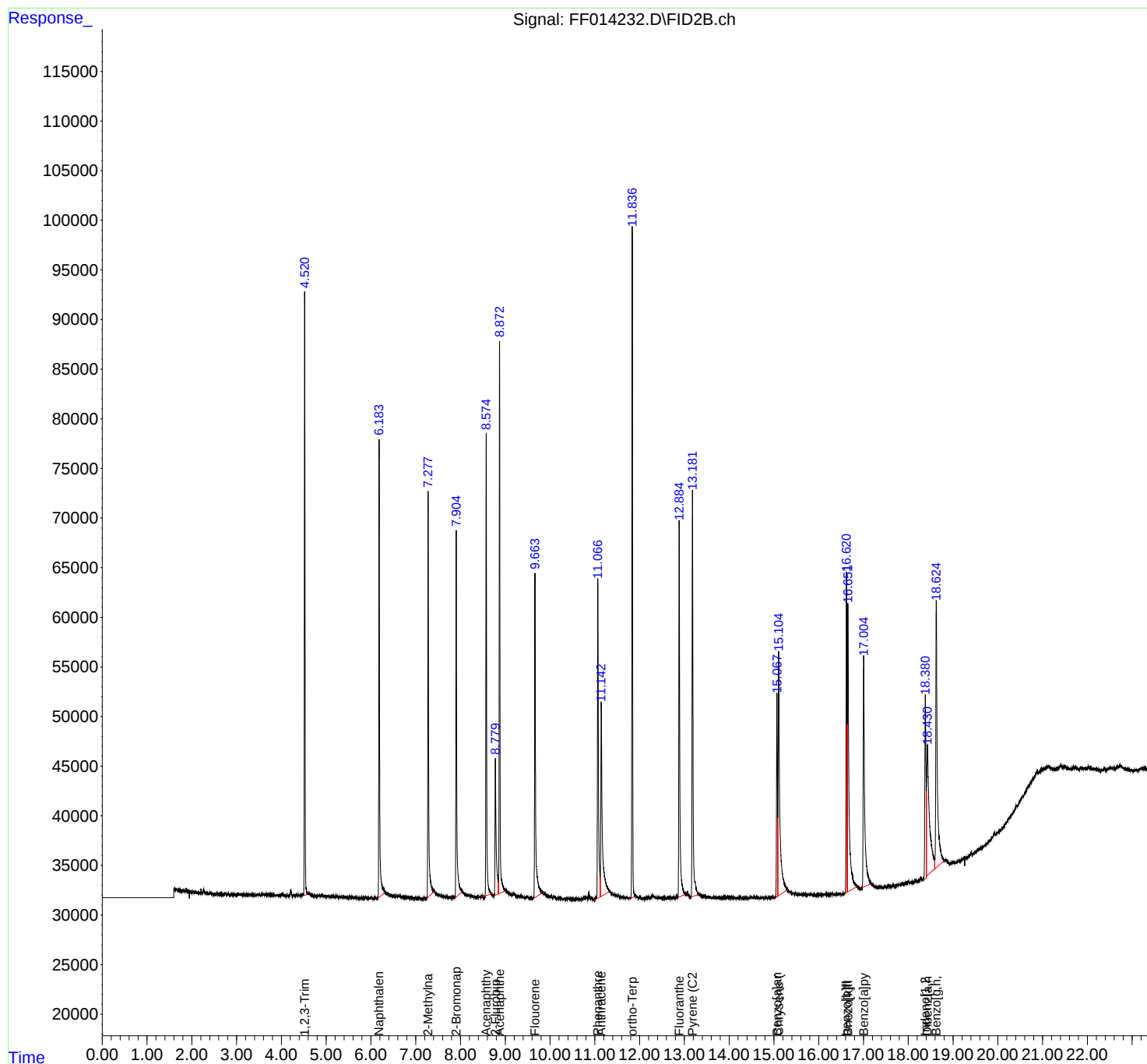
Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

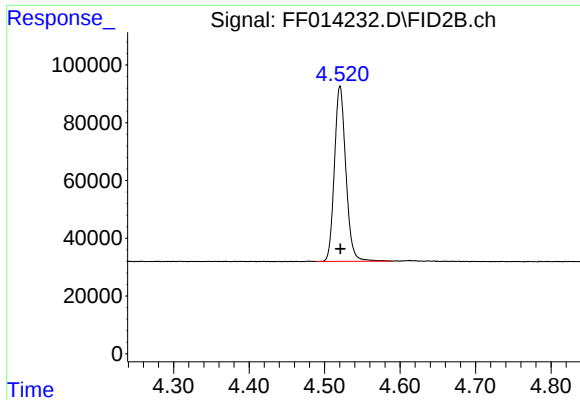
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Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 051424.M
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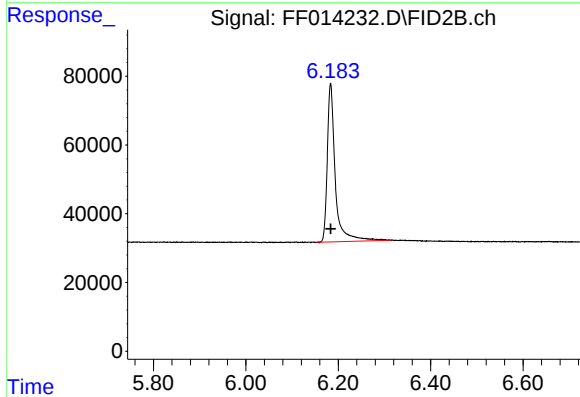
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 638892
Conc: 5.28 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

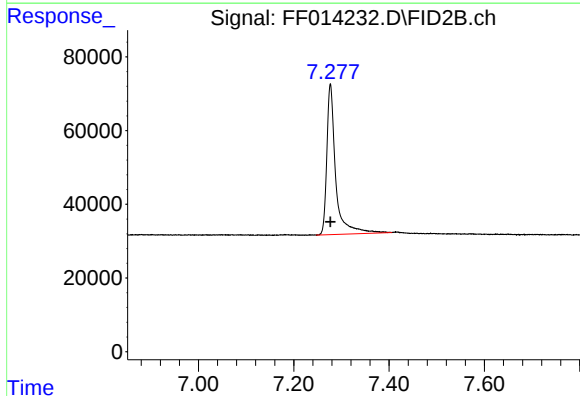
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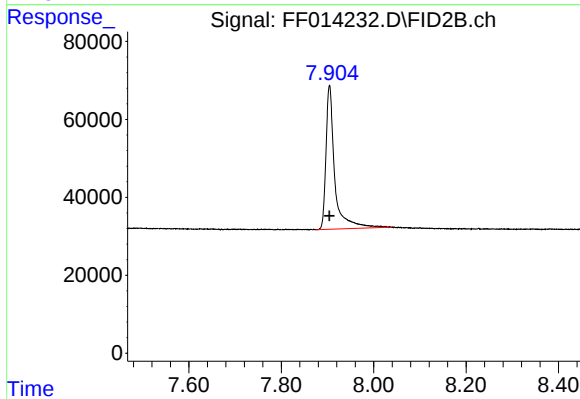
#2 Naphthalene (C11.7)

R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 554681
Conc: 4.74 ug/ml



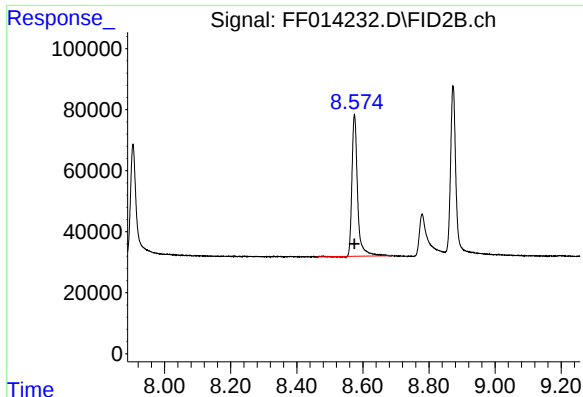
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.277 min
Delta R.T.: 0.000 min
Response: 524395
Conc: 4.71 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 485188
Conc: 4.62 ug/ml



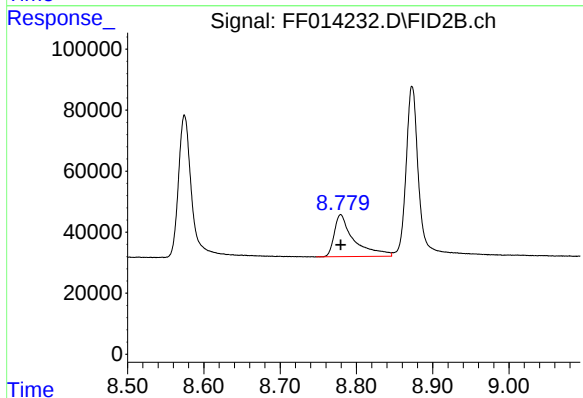
#5 Acenaphthylene (C15.06)

R.T.: 8.575 min
Delta R.T.: 0.000 min
Response: 551477
Conc: 4.91 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

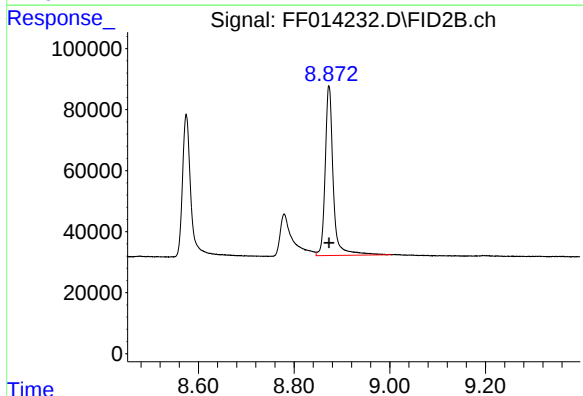
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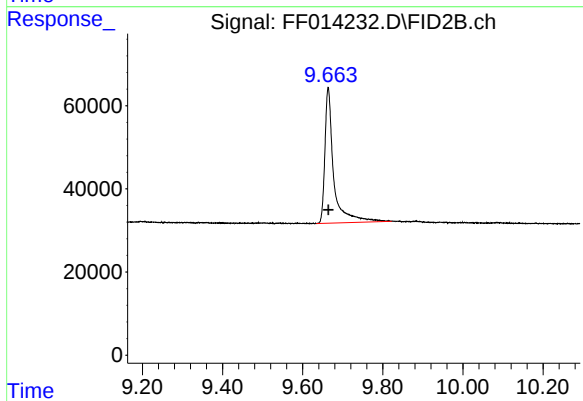
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.780 min
Delta R.T.: 0.000 min
Response: 247483
Conc: 4.09 ug/ml



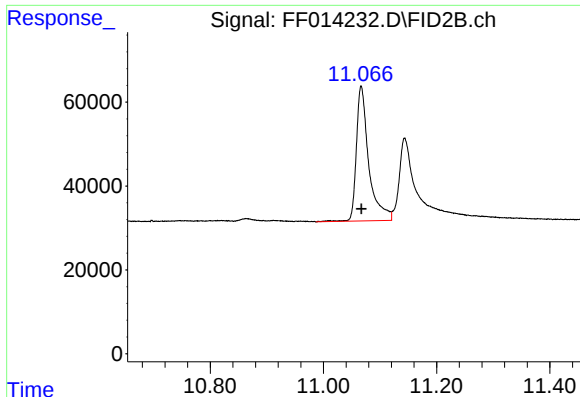
#7 Acenaphthene (C15.5)

R.T.: 8.873 min
Delta R.T.: 0.000 min
Response: 650519
Conc: 5.14 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.664 min
Delta R.T.: 0.000 min
Response: 496819
Conc: 4.67 ug/ml



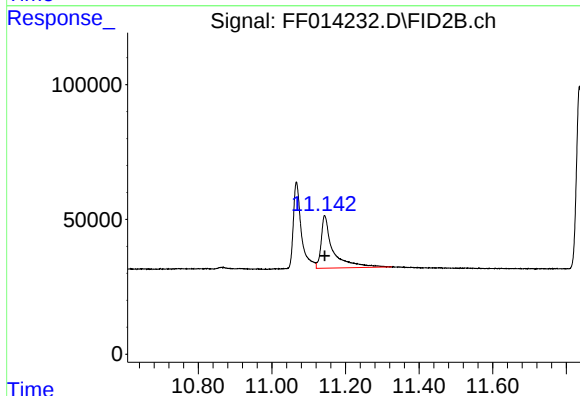
#9 Phenanthrene (C19.36)

R.T.: 11.067 min
Delta R.T.: 0.000 min
Response: 488992
Conc: 4.72 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

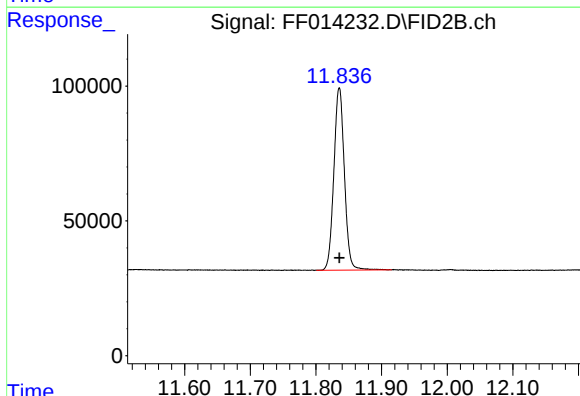
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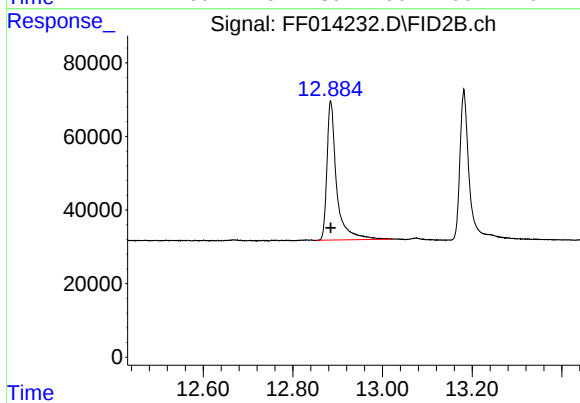
#10 Anthracene (C19.43)

R.T.: 11.144 min
Delta R.T.: 0.000 min
Response: 441149
Conc: 4.84 ug/ml



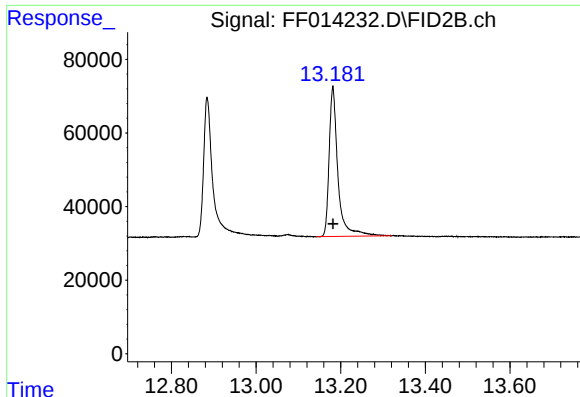
#11 ortho-Terphenyl (SURR)

R.T.: 11.836 min
Delta R.T.: 0.000 min
Response: 755050
Conc: 5.35 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.885 min
Delta R.T.: 0.000 min
Response: 567366
Conc: 4.99 ug/ml



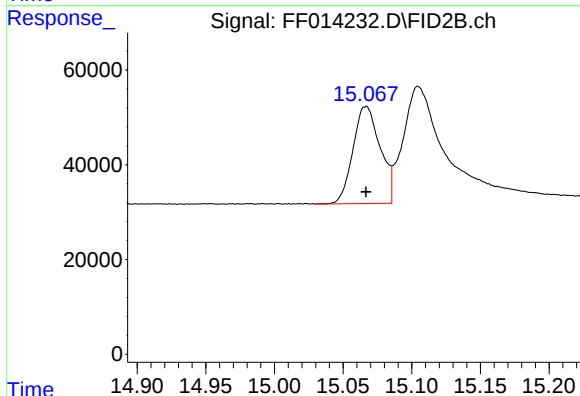
#13 Pyrene (C20.8)

R.T.: 13.182 min
Delta R.T.: 0.000 min
Response: 588948
Conc: 5.27 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

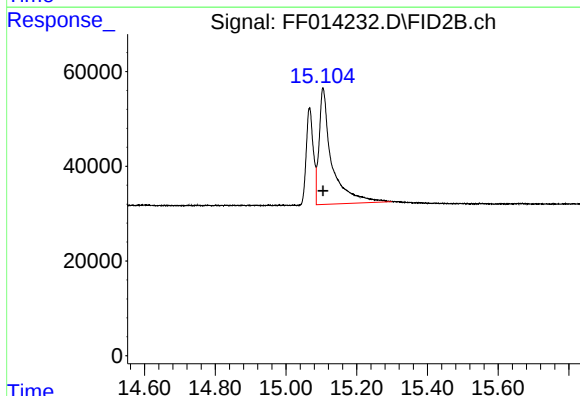
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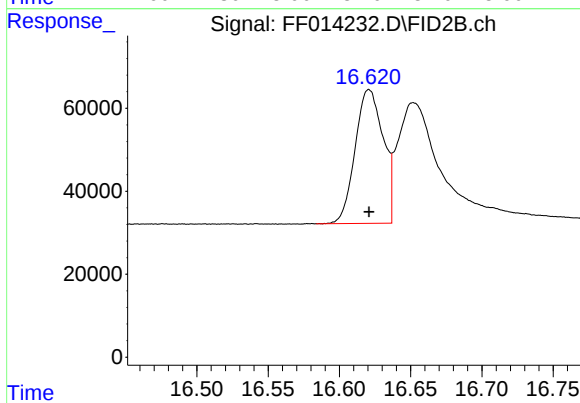
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.067 min
Delta R.T.: 0.000 min
Response: 282301
Conc: 3.72 ug/ml



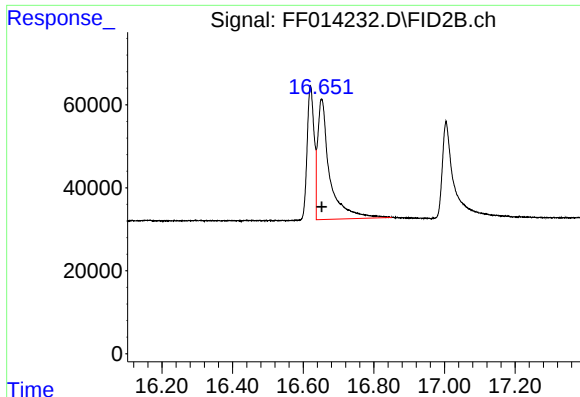
#15 Chrysene (C27.41)

R.T.: 15.105 min
Delta R.T.: 0.000 min
Response: 615870
Conc: 5.60 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.621 min
Delta R.T.: 0.000 min
Response: 441646
Conc: 4.40 ug/ml



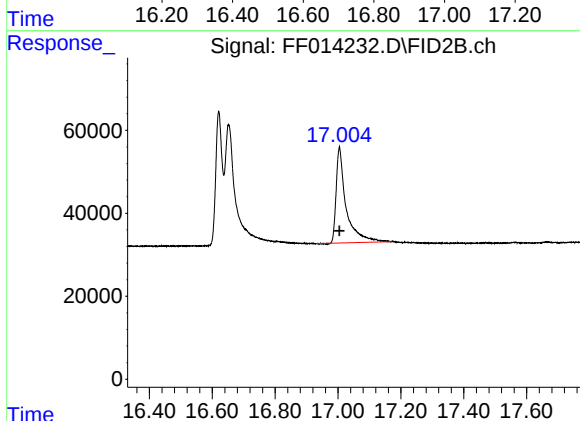
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.652 min
Delta R.T.: 0.000 min
Response: 694993
Conc: 5.87 ug/ml

Instrument :
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5 PPM AROMATIC HC STD5

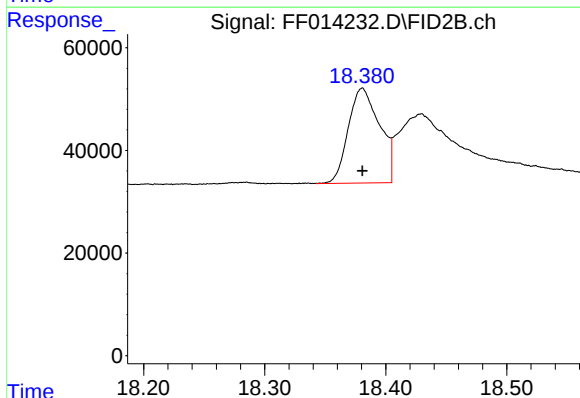
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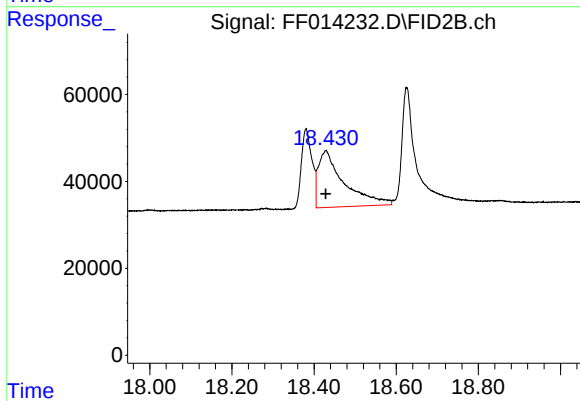
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.005 min
Delta R.T.: 0.000 min
Response: 509679
Conc: 4.85 ug/ml



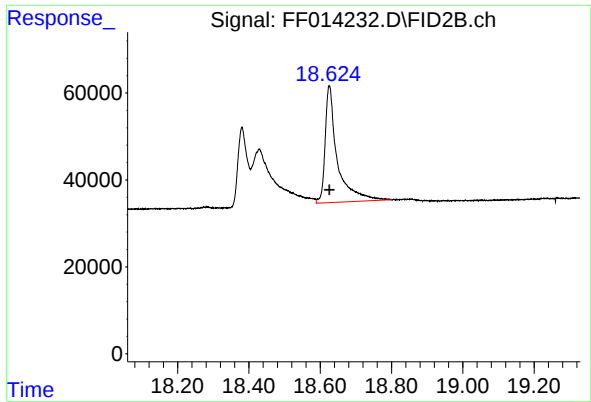
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.380 min
Delta R.T.: 0.000 min
Response: 333647
Conc: 3.76 ug/ml m



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.429 min
Delta R.T.: 0.000 min
Response: 567648
Conc: 5.34 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.626 min
Delta R.T.: 0.000 min
Response: 640128
Conc: 5.20 ug/ml

Instrument :
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